

# APMAS 2017

## 7<sup>th</sup> INTERNATIONAL ADVANCES IN APPLIED PHYSICS AND MATERIALS SCIENCE CONGRESS & EXHIBITION

APRIL 22-26, 2017

Sentido Lykia Resort & Spa-Liberty Hotels  
Lykia, Oludeniz  
MUGLA / TURKEY

<b>PROGRAM</b> <b>(POSTER SESSION – I)</b> <b>TUESDAY, APRIL 25, 2017</b>			
<i>Chairperson: A. Yavuz Oral</i>			
<i>FOYER</i>			
<i>(SUBMISSION ID 1 – 500 for APMAS2017)</i>			
<b>13:00-15:00</b>	<b>ID</b>	<b>Title</b>	<b>Contact Author</b>
	2	Optical and impedance spectroscopy techniques of Ce-doped CuInSe <sub>2</sub> compound Grown by electrodeposition route	Adel Chihi
	3	Synthesis, characterization and self-assembly of amphiphilic block copolymer using hydrophobic segment poly(4-vinyl benzene chloride) in aqueous solution	NARDJESSE NEMICHE
	4	Effect of thermal treatment and film thickness on vanadium coatings properties.	aissani linda
	5	Efficiency comparison of different techniques for drying coal	María Bernarda Alvarado-Bawab
	7	STUDY OF VIBRATIONS AND PAIRING CORRELATIONS IN KEEPING THE MODEL NUMBER OF PARTICLE	Bessma Blaifa
	8	Synthesis and characterization of lithium doped Ni-Zn ferrite nanoparticle	Nasma Adnan
	9	Microscale Phonon Transport in Complex Two-Dimensional Domains	Saad Mansoor

<b>10</b>	Structural, surface morphology and optical properties of NiSnO <sub>3</sub> thin films prepared using spray technique	Ammar MHAMDI
<b>11</b>	Study of the quadrupole collective states in the nuclei by the Bohr hamiltonien	BAIRI Zohra
<b>12</b>	The Mechanical Behaviour of Pearlitic Rail Steel Under working Loads	Farag A. Mohamed Alwahdi
<b>13</b>	Controlled Surface Modification of CNTs using mild acids through Powerful Sonication technique	Duha Ahmed
<b>15</b>	Investigation of the structural and microwave dielectric properties of Chromium-Nickel powders based Nanocomposites	Salim TRIAA
<b>16</b>	Photocatalytic Degradation of Herbicide Imazapyr Using Mesoporous Ga <sub>2</sub> O <sub>3</sub> -TiO <sub>2</sub> Nanocomposites Under Visible Light and UV Illumination	Adel Ismail
<b>17</b>	THE DEVELOPMENTS OF HIGH PRESSURE RIG DESIGN AND ITS APPLICATION	Farag A. Mohamed Alwahdi
<b>18</b>	Influence of heat treatments on the correlation between fracture toughness and CVN of 2017A aluminium alloy	Larbi HEMMOUCHE
<b>19</b>	Synthesis, Characterization and Photocatalytic Activity of Bi <sub>2</sub> O <sub>3</sub> Nanomaterial	MOHAMED BADAOU
<b>20</b>	Dirac and Heaviside impulse functions for solving nonlinear systems: Schrodinger equation application	Mebarka DAOUDI
<b>21</b>	Chemical sensor array modelling using multivariable partial differential equations: comparison between conducting polymer and metal oxide based resistive sensors	Abdelaziz abbas
<b>22</b>	Numerical modeling of calcite thin film for dew harvesting	Mourad Benlattar
<b>23</b>	Influence of Li content on the optical band gap of undoped and Li doped ZnO nanorods	Ahmed EL HICHOU
<b>24</b>	Chemical Sensor Array Modeling using a Multivariable Partial Differential Equations	abdelaziz abbas
<b>25</b>	Investigation of the dynamic characteristics of luffa fiber reinforced bio-composite plates	Garip GENC
<b>26</b>	Mechanical Design and Analysis of JIS G 3311 Steel Alloy Material of Wiper Blade in Printing	Özdoğan KARAÇALI
<b>27</b>	Nonlinear optical properties of liquid crystal doped Ag nanoparticle	Suadad A. Ahmed
<b>28</b>	Chaos control and Synchronization in Quantum Dot Light Emitting Diodes	Kais A.M Al Naimee
<b>29</b>	UWB transmission approach using a memristor based chaos generator for WPAN applications - an overview -	Abdennaceur Kachouri
<b>31</b>	Electrochemical and electrochromic properties of V <sub>2</sub> O <sub>5</sub> produced by spray pyrolysis	Asmaa Mrigal
<b>32</b>	Non-similar solution for natural convection flow due to	A Mahdy

	gyrotactic microorganisms around a sphere embedded in a porous medium saturated with a nanofluid	
34	A magnetic semiconductor in binary carbon-based compounds XC (X = Rb, K, Cs)	benatmane saadiya
35	Evaluation of isothermal heat treatment on microstructural evolution of Co-25Cr-6Mo-0.3C alloy	shahab aldin zangeneh
37	Vibration analysis of layered composite beam with variable section according to delamination and orientation angle in experimental and numerical ways	BERKAY ERGENE
38	Technique of Measuring P-wave Stress	Abdellah HAFSAOUI
39	A MODEL STUDY TO MEASURE FRAGMENTATION BY BLASTING	Sami YAHYAOU I
40	Influence of annealing temperature on structural and morphological properties of CrN thin films deposited by DC reactive magnetron sputtering	Alireza Hojabri
41	Optical and structural characterization of nickel oxide thin films prepared by post-oxidation of nickel films	Fatemeh Hajakbari
42	Synthesis of ruthenium-copper bimetallic catalysts for complete oxidation of oxygenated volatile organic compounds (OVOCs)	Xiaolong Liu
44	Processing Performance of Lignocellulosic Material Reinforced Polyethylene Composites in Compounding Extruder	Anil Akdogan
45	Graphene oxide/Zinc oxide Composites as Photoanodes for Dye-Sensitized Solar Cells	Nathir Al-Rawashdeh
47	Numerical analysis of Hydrogen embrittlement of high strength steels using Probabilistic method	Youcef Houmadi
50	THE GREY-BASED TAGUCHI METHOD: OPTIMISATION OF MILLING OF MOLD STEEL	Mustafa AY
51	Green corrosion Inhibitor of Eucalyptus Leaves	Nabil Al-Akhras
52	Magnetic Hyperthermia and Photothermal heating of Iron-Oxide Nanoparticles for Cancer Therapy	Saqlain A Shah
53	Optimization of Machining Parameters with Surface Response Method for The Turning Process of ASTM B574 (Hastelloy C-22)	Gültekin BASMACI
54	EFFECT OF DRYING MORPHOLOGIES AND COATING FILM PROPERTIES ON WETTING KINETICS	Zouhaier ROMDHANI
55	A data- centered Materials Computing Platform with distributed task dispatching	Wenhao Zhu
56	Die Casting Process Optimization of AZ91 Magnesium Alloy and Product Surface Modification	Anil Akdogan
57	304 L Stainless Steel – Ti joining by powder metallurgical uniaxial pressing under vacuum ambient	Mustafa Burak Telli
58	Structural and electronic properties of GaP, MnP and their alloying Ga <sub>1-x</sub> Mn <sub>x</sub> P by FP-LMTO method.	Faiza Nawel Gharbi
59	Development of Super-Pure (7N+) Liquid Gallium Analytical Sample Preparation for GDMS Analysis	Giorgi Kvinikadze

60	Design and Development of Bismuth Ferrite Based Environmental Friendly Multiferroic Materials for Devices	Nitin Kumar
62	Influence of the Electron Energy Distribution Function on the Calculation of Ionization Rate in Hot Plasma	Dilmi Samia Dilmi
64	Recovery of Deformed 1070 Al alloy By PALT & XRD	Emad Badawi
65	Precipitation and dissolution Kinetics of GP zone and metastable phase in Al-Cu alloys	Bilal KHAMEL
66	The role of Au nanoparticles in charge transfer kinetics of Au-MWCNT nanohybrid based electrochemical biosensor	Arshad Bhatti
69	Synthesis of TiO <sub>2</sub> supported Ru catalysts for low-temperature complete oxidation of VOCs	Xiaolong Liu
70	Investigation the influence of electron beam parameters on the cathodoluminescence of Cadmium Telluride	DAOUD KENIECHE
72	The X-ray dosimetric characteristics of AgGaS <sub>2</sub>	Solmaz Mustafaeva
76	Study of the Influence of Solvent and Irradiation Effects on the Photo degradation and photo-oxidation of Poly (4-phenyl styrene)	Khalid Al Ani
77	A Clustering Based Approach to Galaxy Morphology	Oluwarotimi Randle
78	Cyclic Oxidation Behavior of c-BN and h-BN at Elevated Temperatures	İlker ÖZKAN
80	Top Illuminated InGaAs PIN Photodetector Design for Millimeter-Wave Applications	Nor Azhadi Ngah
81	Thermoelectric power in complex-shaped quantum well	Sophia Figarova
84	BLEACHING OF TEXTILE DYED GARMENT BY DRY AND WET OZONE TECHNOLOGY	Sarra Ben Hamida
89	Recovery of Nickel from spent catalyst of primary reformer	Mohamed Ahmed Fouad Mohamed Gaber
91	characterization of biodegradable nonwoven textile structures used in agriculture	houcine abidi
93	A way to preparation of removable protecting coatings for bronze objects	Mohor Mihelčič
94	Electrochromic properties of vanadium oxide pigmented films	Mohor Mihelčič
95	Elemental determination of a solid surface by LEIS Technique	Feridoun Samavat
96	Numerical analysis of the thermal behaviour of a shell-and-tube latent heat thermal energy storage unit using phase change materials	SELKA Ghouti
97	Fatigue behavior Investigation of stabilization Construction of Posterior lumbar spine Pedicle Screw: finite element analysis	BENDOUKHA Mohammed
98	Ab initio study of electronic structure and thermodynamic properties of the novel diamond-like semiconductors Li <sub>2</sub> CdGeS <sub>4</sub> and Li <sub>2</sub> CdSnS <sub>4</sub>	Khadidja Berarma

<b>101</b>	Effective focal length of a Kerr lens effect	Leghmizi Sabrina
<b>102</b>	Moisture Sensor Study of ZnTiO <sub>3</sub> Nanocomposite	Dr.Karunesh Tiwari
<b>105</b>	First-Principles Calculations of Electronic and Optical Properties of LiAlH <sub>4</sub> in its Monoclinic and Tetragonal Phases	Torkia Ghellab
<b>107</b>	Synthesis, Structural and Theoretical Study of a New Salt of Selenic Acid	Fouzia BOURSAS
<b>108</b>	Shear and Compression properties of Magneto-Rheological Elastomers under Harmonic Loading	uğur mazlum
<b>109</b>	Resistive switching behaviour in PMMA/Al:ZnO composite films	Sreedevi Vallabhapurapu
<b>110</b>	Improvement The Performance Efficiency of Industrial Lubricant Oil by Using Natural Antioxidant s	Tarik Al-Omran
<b>112</b>	Electromagnetism-Like Mechanism Based Algorithm for Parameter Identification of the Jiles-Atherton Model	Abdelmadjid Nouicer
<b>113</b>	PHASE TRANSFORMATION BEHAVIOR OF CORDIERITE PREPARED FROM ALGERIAN KAOLIN AND MAGNESIUM OXIDE	Djaida Redaoui
<b>115</b>	EFFECTS OF B <sub>2</sub> O <sub>3</sub> ON PHASE TRANSFORMATION OF CORDIERITE SYNTHESIZED FROM ALGERIAN KAOLIN AND MgO	Foudil Sahnoune
<b>116</b>	Energy Efficiency in Desalted Seawater Production	Hassan Abdulrahim
<b>118</b>	30 GHz 3-Stage MMIC Low Noise Amplifier using GaAs pHEMT Technology for Radio over Fiber	Amiza Rasmi
<b>123</b>	Thermal Dehydroxylation Kinetics of Algerian halloysite by Differential Thermal Analysis (DTA)	amina raghdi
<b>125</b>	Empirical formulae for L1, L2, and L3 subshell cross section by protons impact within updated experimental data	Ahlam BENDJEDI
<b>127</b>	New plasticized polymer solid electrolyte material for Zn/MnO <sub>2</sub> cell.	Zahia GHARNOUT
<b>128</b>	Comparison between the inhibition efficiencies of two modification processes with PEG-Ceria layers against corrosion of mild steel in chloride and sulfate media.	Hichem Boudelloua
<b>129</b>	Thermal transformation of fired clay ceramics by dilatometric analysis	Leila Beddiar
<b>130</b>	Evaluation of hourly irradiance due to the relative humidity in Turkey	Zuhal ER
<b>132</b>	Fabrication and characterization of porous ceramic supports from the (Sig) Diatomite for membranes	FAYCAL AOUADJA
<b>133</b>	Micro-Deep Drawability of Laser Diode Copper Alloy Sheet Using Graded DLC Film Coated Punches	Ming-Der Jean
<b>134</b>	Obtaining of thin layer radioactive surface sources through radio-induced grafting of labeled monomers	Cristian Postolache
<b>135</b>	Determination of tritium and radiocarbon contents in incinerable radioactive wastes	Cristian Postolache

<b>136</b>	Multipurpose interaction chamber for simulation of the cosmic space effects in the condensed matter	Cristian Postolache
<b>139</b>	Unloading Control at Leg Orthotics	Iliia Dashevskii
<b>140</b>	CHARACTERISTICS OF COMPOSITE BIOMATERIALS USED FOR MANUFACTURING PROSTHETIC BLADES	MITU Leonard Gabriel
<b>142</b>	Study of the precipitates dissolution kinetics in copper alloys	Mohamed HACHOUF
<b>143</b>	Electrochemical corrosion of Pb-Sn and Pb-SbS alloys for lead-acid battery applications	Zoulikha Bakour
<b>144</b>	A Fresnel lens doped with nanocrystal semiconductors as a concentrator to increase the conversion efficiency of solar energy to electrical energy	Mehmet Hikmet Yukselici
<b>147</b>	A Novel High-Temperature Vibration Sensor Based on Bidomain Lithium Niobate Crystal	Ilya Kubasov
<b>150</b>	The IEEE 802.15.4 standard in wireless sensor networks with low power consumption	Lynda ALKAMA
<b>151</b>	Effects of Nickel substitution on crystalline structure and superconducting properties of YBa <sub>2</sub> Cu <sub>3</sub> O <sub>7-δ</sub> ceramics.	souheila chamekh
<b>152</b>	Effect of Heat Treatment on SnO <sub>2</sub> Thin films, structural and vibrational properties	HALIMA OULDARAB
<b>155</b>	Two-dimensional studies of Orthopedic Cement of Acetabulum under the Effect of the Presence of Porosity	Noureddine djebbar
<b>157</b>	Gamma-rays shielding properties of some heavy concrete materials	Viorel Fugaru
<b>161</b>	computational study of a photonic crystal biosensor using DNA filed microcavity coupled with Waveguide	Dallel Benelarbi
<b>162</b>	Design of a new energy absorber based on the coulomb friction to protect structures against impact loads	Durmuş Karayel
<b>163</b>	Development of an Intelligent Structure for Active Vibration Control	Durmuş Karayel
<b>164</b>	Investigating properties of barite shielding board	TzongJer Chen
<b>165</b>	Wear Behaviour of Low Alloys Steels Modified By Pulse Plasma Process	yıldız yaralı özbek
<b>166</b>	Effect of film thickness on the structural, optical and electrical properties of SnO <sub>2</sub> thin films prepared by pneumatic spray.	Saâd Rahmane
<b>167</b>	Effect of substrate temperature on structural, electrical and optical properties of sprayed tin oxide (SnO <sub>2</sub> ) thin films	Saâd Rahmane
<b>168</b>	SYNTHESIS OF B <sub>4</sub> C–SiC IN SITU COMPOSITE POWDERS THROUGH CARBOTHERMIC REACTIONS	Engin KOCAMAN
<b>169</b>	STUDY OF ADVANCED METALLIC MATERIALS FOR A LEAD-COOLED REACTOR	Viorel Fugaru
<b>170</b>	The influence of Arabic Gum on the Catalytic Properties Of Ni-Mo Alloy Coatings to Intensify Hydrogen Evolution Reaction	Hachemi Ben Temam
<b>172</b>	Ionic conductivity of Ce <sub>0.9-x</sub> Gd <sub>0.1</sub> Sm <sub>x</sub> O <sub>2-δ</sub> co-doped ceria	Aliye Arabacı

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<b>173</b>	Shear response of lean duplex stainless steel plate girders	Salam Armoosh
<b>174</b>	Carboxymethyl Guar Gum : Green Approach to Reactive printing Thickeners	Dr Dure Najaf Iqbal
<b>176</b>	OPTIMISATION OF EFFECTS OF CUTTING PARAMETERS AND CUTTING TOOL PATH WIHT TAGUCHI GREY BASED	Mustafa AY
<b>177</b>	The Swelling Behaviors of Poly(2-acrylamido-2-methyl-1-propane sulfonic acid-co-1-vinyl-2-pyrrolidone) Hydrogels	Selva Çavuş
<b>179</b>	Effect of alternating magnetic field on the growth of different strains of bacteria in the presence of iron oxide nanoparticles	M-Ali AL-Akhras (AL-Omari)
<b>180</b>	CERAMIC MEMBRANE, CHARACTERIZATION AND APPLICATION IN WATER TREATMENT	chougui abdelkader
<b>181</b>	The influence of the viscoelasticity on the axisymmetric wave attenuation in a bi-material solid cylinder	Zafer Aydın
<b>182</b>	Effect of Variation Zinc Percentage and Sintering Temperature on Structural Properties of Some Ferrite Materials	Duha Ahmed
<b>183</b>	Anomalous Temperature Dependence of Magnetic Coercivity in Bi <sub>0.75</sub> A <sub>0.25</sub> FeO <sub>3</sub> (A=Sr, Pb, and Ba) system: Role of Structure and Magnetoelectric Coupling	Shahzad Hussain
<b>184</b>	Photoluminescence of Cu <sub>x</sub> Ga <sub>1-x</sub> Te <sub>2</sub> thin films (x=0, 0.5)	louardi yandjah
<b>191</b>	CRYSTALLINE AND SPECTROSCOPIC EXPERIMENTAL STUDY OF THE 3,5 DIBROMO-4-METHYLPYRIDINE (DMP4) COMPARED WITH THE RESULTS THEORETICAL	Meriem Medjani
<b>193</b>	Determination of the lifetime in As doped a-Se from transient photocurrents using Laplace transform technique	Fadila Serdouk
<b>194</b>	INVESTIGATION OF THREE-BODY WEAR RESISTANCE AND HARDNESS OF RESTORATIVE MATERIALS	Efe Çetin YILMAZ
<b>195</b>	Competitive adsorption of heavy metals from waters using Pumice Supported Nano Scale Zero Valent Iron	Bilgerhan İlker Harman
<b>196</b>	Crystal structure and photoluminescence properties of multinuclear coordination compounds	Elif Gungor
<b>197</b>	ENHANCED REMOVAL OF CHROMIUM SIX ION FROM WASTEWATER USING ROTATING MAGNETIC FIELD FROM TWO POLE INDUCTION MOTOR	UYIOSA OSAGIE AIGBE
<b>198</b>	Rare-earth activated glass and glass-ceramics for solar energy conversion	Mohamed DAMMAK
<b>199</b>	Crystal structure and photoluminescence properties of Gd(III) coordination polymers	Gorkem Oylumluoglu
<b>200</b>	Synthesis, Thermal Analysis, High Temperature X-Ray Single Crystal and Vibrational Study of The New Rubidium Arsenate Tellurate Material	Lilia KTARI
<b>203</b>	Multiferroic and local electrical conduction behavior of RF sputtered BiFeO <sub>3</sub> thin films	Shahzad Hussain
<b>204</b>	Effect of calcination for synthetesis of bioceramic hydroxyapatite powders by co-precipitation method: structural	Majda Mokhtari

	and morphological properties	
206	Borohydride reduction of cobalt oxide (Co <sub>3</sub> O <sub>4</sub> ) nanoparticles by a simple co-precipitation method	majid farahmandjou
207	The Wear of Cutting Pellets Coated with TiAlN During Machining of a Cobalt Superalloy (FSX-414).	Amar Sebhi
208	Ferromagnetic and Anti-ferromagnetic Nanoparticles as Flux Pinning Centers in CuTi-1223 Superconductor	Muhammad Mumtaz
210	Predictive diagnosis of rotating machines. Application to the finishing mill	Magraoui Rabah
211	Damage Localization in Beam like Structures by using Numerical Modal Strain Energy Based Method	OUALI MOHAMMED
212	Dynamic behavior of an industrial fume extraction fan	MEGHATRIA M'HAMED
213	Biological activities of Lemon verbena essential oil extracted by microwave energy and antioxidant power of its methanolic crude extract	Nacéra Tigrine-Kordjani
214	Extraction of the Heavy Metals by Silicates in Leaflet bridged	Kerroumia MOULAI
215	Analysis and Optimization of Multiport Junctions	Malika OURABIA BOUBAKER
216	Transition Radiation of Charged Particle in the Modulated Anisotropic Magnetodielectric Filling of the Waveguide	Eduard Gevorkyan
220	Gas Turbine Cycle for Tri-Generation: Power, Desalination and Cooling	Hassan Abdulrahim
222	OPTIMIZATION OF ELECTROPHORETIC DEPOSITION OF YSZ	Kürşad Oğuz OSKAY
223	AN OXIDATION STUDY OF NiCoCrAl COATINGS PRODUCED BY ELECTROLYTIC CO-DEPOSITION METHOD	Kürşad Oğuz OSKAY
224	Modeling of effective permittivity of Multilayer Symmetric / Asymmetric Coplanar Waveguide: Comparative Study	Abdelaziz Aouiche
225	Investigation of water quality based physico-chemical parameters at filtration system of Bukit Nenas highland in Terengganu, Malaysia	mohd hudzari hj razali
226	Comparative analysis of ship lighting systems in terms of economic, environmental and material performance	Ömer Savaş
227	Investigation of efficiency enhancement by using mixed cation in dye sensitized solar cells based on gel polymer electrolytes	MOHAMMED ALOBAIDI
229	Microstructure and Tribocorrosion Properties of Pulsed Plasma Nitrided Cast CoCr Alloy for Dental Implant Applications	Harun Mindivan
230	Protection of aluminum corrosion in 0.1 M HCl by ethanol extract of orange peel waste	NNABUK EDDY
231	One-step solution combustion synthesis of pure metallic nanopowders under normal air atmosphere	Alexander Khort
234	Study The characterization and electrical properties of synthesis ZnO nano particle	Asmaa Khalil



<b>235</b>	Using Inverse Distance Weighting interpolation Method to prepare maps of Radon Concentrations Distribution in Wasit Province	Ban A. Abbas
<b>236</b>	3D Building Reconstruction Using DEM and Mosaic Model.	Ban Abed –AL-Rizak
<b>237</b>	Platinum Electrode Functionalized with Chabasite for Iron (III) Detection in aqueous solution	NACIRA MECHERI
<b>239</b>	Theoretical Assessment of Static and Dynamic Polarizabilities of Single-Walled Carbon Nanotubes : Semi-Empirical PM6 Study	LABIDI NOUAR SOFIANE
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<b>244</b>	Calculation of L-shell XRF cross sections for the elements with $40 \leq Z \leq 92$ at 1–1500 keV	Mohammed Alqadi
<b>246</b>	Moisture adsorption performance -life time of clinoptilolite type natural zeolite used in a hybrid air-conditioning system	Melda Özdiñ ÇARPINLIOĞLU
<b>247</b>	THERMAL IMAGE ANALYSIS OF POROUS METAL FOAMS FOR MATERIAL CHARACTERIZATION	MELDA Özdiñ ÇARPINLIOĞLU
<b>252</b>	New Kinetic Theory and New Equations for Lattice and Electronic Heat Capacities, Enthalpies and Entropies of Solids: Application to Tungsten	Abdürrezzak Emin Bozdoğan
<b>255</b>	STABILITY OF COLLOIDAL NANOPARTICLE SOLUTIONS PREPARED BY CHEMICAL REDUCTION	Hasan Al-Khateeb
<b>260</b>	The Investigation of Short-term creep behavior of microparticulate filled polypropylene materials	Şenol Şahin
<b>261</b>	Effective thermal modes for slip casting silicon carbide substrates organic binder removing	Pavel Grinchuk
<b>263</b>	Structural and magnetic properties of FeAlC powders elaborated by mechanical alloying	Ferroudja Lemdani
<b>264</b>	Mechanical and some physical properties of $\text{Bi}_{2-x}\text{K}_x\text{Pb}_{0.3}\text{Sr}_2\text{Ca}_2\text{Cu}_3\text{O}_{10+\delta}$ superconductors	Muna Abbas
<b>265</b>	Bifurcations of new multi soliton solutions of the van der Waals normal form for uidized granular matter Via six different methods	Mostafa Khater
<b>266</b>	Investigations on Wind Effect on Cable Insulation with Bayesian Approach of Mathematical Modelling	Emre Eroglu
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<b>269</b>	On Hartley Transformation and transferring of transient signals along waveguides in time-domain	Kevser KÖKLÜ
<b>270</b>	The chemical bath deposition and study of thin films in system $\text{Cu}_2\text{S}-\text{In}_2\text{S}_3$	Stanislav Tulenin
<b>271</b>	Influence of Welding Time on Microstructure and Mechanical Properties of 15% Cold Rolled TWIP Steel Joints Welded by Resistance Spot Welding	HAKAN AYDIN
<b>272</b>	Solar driven hydrogen production by ZnO photoanode.	Nurlan Bakranov

<b>273</b>	The Effect of Graphene Particle Size on Tribological and Corrosion Properties of Ni-Co/Graphene Nanocomposite Produced by Electrodeposition	Aynur İNAN
<b>274</b>	Welding Time Effect on Nugget Sizes in Resistance Spot Welding of SPA-C Steel Sheets Used in Railway Vehicles	Nuri Akkaş
<b>275</b>	Conducting and transparent carbon nanotube electrodes for organic solar cells	Osman ürper
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<b>288</b>	The Structural, electronic and mechanical properties of Ruthenium oxide study	NABILA MEHTOUGUI
<b>289</b>	Selective Potentiometric Method for Determination of Nitrile in Polluted Water Samples Using New PVC Membrane Sensors	Amr Saber
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<b>294</b>	New multiband antenna with a slotted ground plane for wireless devices	Amel Boufrioua
<b>295</b>	CFD Heat Pipe Simulation of Mass Transfer in NH <sub>3</sub> -Water Nanofluid Flow	Yusuf Çay
<b>296</b>	Nanotechnology in white light generation	MANAL JABBAR
<b>297</b>	Investigation of Factors Affecting Scale Formation in the Production of Special Alloy Wire Rods Using Artificial Neural Networks	Gokhan ATALI
<b>300</b>	Effect of Dopant Concentration on Structural and Electrical Properties of Screen Printing-Deposited lead Iodide Films	Ali M. Mousa
<b>302</b>	Investigation of Ceramic Coating by Thermal Spray with Diffusion of Copper	Mudhafar A. Mohammed
<b>304</b>	Effect of Different Feldspar Ratios on the Mechanical properties of Porcelain Ceramic Foam prepared by Polymeric Sponge Method	Mudhafar A. Mohammed ID 302
<b>305</b>	Design and Prototype Production of Direction-Controlled Tennis Ball Throwing Machine Whose Speed Varies According to the Heart Rate	Gokhan ATALI
<b>307</b>	Gamma Ray Shielding Properties of FeO and CuO Doped in Bismuth Lead Borate Glasses	Derya YILMAZ BAYSOY
<b>308</b>	Impacts of human activities on water Erosion and pollution of surface Water in the Algerian Cheliff Watershed	Samra HARKAT
<b>309</b>	Hydriding of Zircaloy-4 fuel cladding	Besma Alouache
<b>310</b>	THE UTILISABILITY OF GROUND HAZELNUT SHELL IN	İlyas Kartal

	POLYPROPYLENE COMPOSITES	
<b>311</b>	INVESTIGATION OF MECHANICAL AND THERMAL PROPERTIES OF WASTE EPDM AND POLYPROPYLENE MIXTURES	İlyas Kartal
<b>312</b>	Metallurgical and mechanical behavior study of the lamellar gray cast iron treated with copper Cu	MOHAMMED OUBELKACEM AZZOUG
<b>313</b>	Diffusion bonding of Zircaloy4 to stainless steel 304L using niobium interlayer	djaafar aboudi
<b>314</b>	Recovery of Carboxylic Acids from Waste Water by Liquid-liquid Extraction	Abdelkader Hadj Seyd
<b>315</b>	Design and Optimization of Semi-Active Suspension Systems for Heavy Trailers	Sinan Serdar OZKAN
<b>317</b>	Optimization of machining parameters for the turning process of AISI 316 L stainless steel and Taguchi design	Gültekin Basmacı
<b>318</b>	The electrical switching properties of Ge <sub>10</sub> Se <sub>5</sub> Sb <sub>85</sub> chalcogenide glass	sayd abouelhassan
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